

## ABSTRACT

The present invention provides a simple and inexpensive method of calibrating radios. The present invention automatically corrects for crystal frequency drift by determining the true crystal frequency. Once the true crystal frequency has been measured and calculated, the proper multiplier required to produce a desired frequency can easily be found and implemented. The present invention allows for a constantly changing desired frequency without recalibration and without readjusting the crystal frequency once the true crystal frequency is known. Once the true crystal frequency is found, a proper multiplier can be calculated to produce the desired frequency. Continuously adjusting the multiplier thus allows for a changing desired frequency, thereby facilitating clear communications between radios, regardless of whether they are in motion or not.

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